International application No. PCT/KR2004/002117

| A. CLASSIFICATION OF SUBJECT MATTER  |   |  |                       |
|--|---|--|-----------------------|
| IPC7 G06F 17/30  |   |  |                       |
| According to International Patent Classification (IPC) or to both national classification and IPC  |   |  |                       |
| B. FIELDS SEARCHED  Minimum documentation searched (classification system followed by classification symbols)  |   |  |                       |
| IPC7 C12Q 1/68, G06T 7/00, G01N33/48   |   |  |                       |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched KR, JP: IPC as above   |   |  |                       |
| Electronic data base consulted during the intertnational search (name of data base and, where practicable, search terms used)                        |   |  |                       |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT   |   |  |                       |
| Category*  | Citation of document, with indication, where appro  | opriate, of the relevant passages  | Relevant to claim No. |
| A  | KR10-2003-30471 A (GAIAJIN CO.LTD.) 18.APRIL.2003 See the whole document  |  | 1-18                  |
| A  | KR10-2001-4339 A (LG ELECTONICS CO.LTD.) 15.JAN.2001 See the whole document   |  | 1-18                  |
| A  | KR10-2003-37315 A (DAIA CHIP CO.LTD.) 14.MAY.2003 See the whole document  |  | 1-18                  |
| KR10-2001-39264 A (LG ELECTRONICS CO.LTD.) 15.MAY.2001 See the whole document  |   | ) 15.MAY.2001  | 1-18                  |
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| Further documents are listed in the continuation of Box C.  See patent family annex.   |   |  |                       |
| "A" document defining the general state of the art which is not considered to be of particular relevance   |   | "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive |                       |
| "L" document which may throw doubts on priority claim(s) or which is   |   | step when the document is taken alone "Y" document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is   |                       |
| "O" document referring to an oral disclosure, use, exhibition or other means   |   | combined with one or more other such documents, such combination being obvious to a person skilled in the art  |                       |
| "P" document published prior to the international filing date but later "&" document member of the same patent family than the priority date claimed |   |  |                       |
| ·  |   | Date of mailing of the international search report   |                       |
| 01 DECEMBER 2004 (01.12.2004)  |   | 02 DECEMBER 2004 (   | (02.12.2004)          |
|  | ailing address of the ISA/KR  Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea | Authorized officer SONG, Dae Jong  | EUA                   |
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